

#### (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

## (19) World Intellectual Property Organization

International Bureau



## 

## (43) International Publication Date 8 April 2004 (08.04.2004)

PCT

## (10) International Publication Number WO 2004/028377 A1

(51) International Patent Classification7:

A61B 17/08

(21) International Application Number:

PCT/IL2003/000769

(22) International Filing Date:

25 September 2003 (25.09.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: PCT/IL02/00790

(CIP) to earlier application:

25 September 2002 (25.09.2002) П. 14 November 2002 (14.11.2002) US

60/426,013 (63) Related by continuation (CON) or continuation-in-part

US

PCT/IL02/00790 (CIP)

Filed on

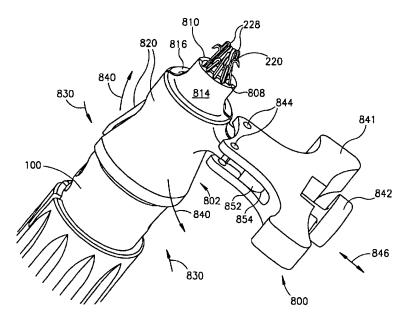
25 September 2002 (25.09.2002)

(71) Applicant (for all designated States except US): BY-PASS, INC. [US/US]; 40 RAMLAND ROAD, ORANGEBURG, NY 10962 (US).

- (72) Inventors; and
- (75) Inventors/Applicants (for US only): LOSHAKOVE, Amir [IL/IL]; P.O. BOX 378, 60944 MOSHAV BAZRA (IL). NATIV, Ofer [IL/IL]; 11 HAMAAYAN STREET, 75210 RISHON-LEZION (IL). KILEMNIK, Ido [IL/IL]; 35 NORDAU STREET, 46585 HERZELIA (IL). HEFER. Gil [IL/IL]; 8/8 HERZFELD STREET, 44415 KFAR SABA (IL).
- (74) Agents: FENSTER, Paul et al.; Fenster & Company, Intellectual Property 2002 LTD., P. O. Box 10256, 49002 Petach Tikva (IL).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

### (54) Title: ANASTOMOTIC LEG ARRANGEMENT



(57) Abstract: A leg compacting system for compacting inwards a group of legs (228) of an anastomotic connector towards a central location thereof, comprising, a coupler for coupling to a delivery system on which said connector is mounted; and a plurality of leg confiners (820), said leg confiners (820) configured to selectively move in an inwards direction and said confiners configured to have a resting compacted configuration in which a space of between 7 and 1 mm in width is maintained between the innermost leg contacting sections of said confiners such that a graft vessel suitable for mounting on said connector can be passed between said confiners (820).





Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

with international search report

 before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL03/00769

A. CLASSIFICATION OF SUBJECT MATTER  IPC(7) : A61B 17/08  US CL : 606/153				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 606/153				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages			Relevant to claim No.
Х	US 2002/0099394 A1 (HOUSER et al.) 25 July 2002 (25.07.2002), paragraph [0176];			1-15, 38, 49
x	Figures 53A and 53B US 2002/0022852 A1 (DAKOV) 21 February 2002 (21.02.2002) Figure 26A, paragraphs [0102-0104]			12-15
Α	US 6,179,848 B1 (Solem) 30 January 2001 (30.01.2001)			20-23
				·
	documents are listed in the continuation of Box C.	<u> </u>	See patent family annex.	
* Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "X" document of particular relevance: the			cation but cited to understand the ention	
"E" earlier ap	oplication or patent published on or after the international filling date	<b>A</b>	document of particular relevance; the considered novel or cannot be conside when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as "Y" document of particular relevance; the specified) considered to involve an inventive st combined with one or more other su		p when the document is		
"O" document referring to an oral disclosure, use, exhibition or other means being obvious to a person skilled in the				
"P" document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed				
Date of the actual completion of the international search  Date of mailing of the international search report  39 December 2003 (29.12.2003)				
25 December 2005 (25:12:2005)				
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450				
Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230  Form PCT/ISA/210 (second sheet) (July 1998)				
BOTH P( 17/15)	AZZIGZGECNIG SNEETI CHIV TYYX)	` `		

•